

ABSTRACT OF THE DISCLOSURE

A method and system to access the firmware of a remote computer via a trusted process. The remote computer receives a request to perform a firmware service from a caller computer via a network. The caller computer and remote
5 computer then interact to authenticate the caller computer, and, optionally, the remote computer. If authentication is successful, the firmware service is performed by the remote computer, otherwise access to the firmware service is denied. A cipher negotiation may also be employed to agree upon an encryption
10 scheme to be used to encrypt and decrypt data traffic sent between the caller and remote computers. In one embodiment, the operations of the method are performed via execution of firmware of the remote computer that is configured in accordance with the Extensible Firmware Interface (EFI) framework standard.